

Title (en)

PROCESS DEPENDING ON PLASMA DISCHARGES SUSTAINED BY INDUCTIVE COUPLING

Title (de)

BEARBEITUNGSVERFAHREN AUF BASIS VON DURCH INDUKTIVE KOPPLUNG UNTERSTUTZTEN PLASMAENTLADUNGEN

Title (fr)

PROCEDE DEPENDANT DE DECHARGES DE PLASMA SOUTENUES PAR COUPLAGE INDUCTIF

Publication

**EP 0865715 A4 20010314 (EN)**

Application

**EP 96942131 A 19961203**

Priority

- US 9619259 W 19961203
- US 56722495 A 19951204

Abstract (en)

[origin: US5965034A] A process for fabricating a product including the steps of subjecting a substrate to a composition of entities, at least one of the entities emanating from a species generated by a plasma excited by a high frequency field provided by an inductive coupling structure in which the phase and anti-phase capacitive currents into the plasma are substantially balanced.

IPC 1-7

**H05H 1/46**; **H01J 37/32**

IPC 8 full level

**C23C 16/50** (2006.01); **C23C 16/505** (2006.01); **H01J 37/32** (2006.01); **H01L 21/205** (2006.01); **H01L 21/302** (2006.01); **H01L 21/3065** (2006.01); **H05H 1/46** (2006.01)

CPC (source: EP KR US)

**H01J 37/321** (2013.01 - EP US); **H01J 37/32174** (2013.01 - EP US); **H05H 1/46** (2013.01 - EP KR US)

Citation (search report)

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- [A] EP 0618683 A2 19941005 - MARCONI GEC LTD [GB]
- [DA] US 4918031 A 19900417 - FLAMM DANIEL L [US], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 95, no. 007
- [DA] J. SEVICK: "Transmission Line Transformers", THE AMERICAN RADIO RELAY LEAGUE, 1991, US, XP002026121
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Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**US 5965034 A 19991012**; DE 69607200 D1 20000420; DE 69607200 T2 20001123; EP 0865715 A1 19980923; EP 0865715 A4 20010314; EP 0865716 A1 19980923; EP 0865716 B1 20000315; HK 1010633 A1 19990625; JP 2000501568 A 20000208; JP 2007142444 A 20070607; JP 2010021590 A 20100128; JP 4108125 B2 20080625; JP 4542198 B2 20100908; KR 100663874 B1 20070604; KR 19990071898 A 19990927; US 2003168427 A1 20030911; US 6858112 B2 20050222; WO 9721330 A1 19970612; WO 9721332 A1 19970612

DOCDB simple family (application)

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